Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091620\
Data File : VD066717.D
Acq On : 16 Sep 2020 14:09
Operator : VA/SY
Sample : L4009-01RE
Misc : 5.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HAYES-SEYMOUR-01

Quant Time: Sep 17 00:50:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	741087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	704759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	285057	67.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 135.20%			
35) Dibromofluoromethane	7.91	113	253248	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.48%			
50) Toluene-d8	10.34	98	882811	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.08%			
62) 4-Bromofluorobenzene	12.63	95	312552	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	2058	Below Cal		98
5) Bromomethane	2.78	94	4086	1.280	ug/l	85
11) Tert butyl alcohol	5.23	59	629	Below Cal	#	76
13) Acrolein	3.93	56	425	1.429	ug/l #	63
16) Acetone	4.16	43	78155	91.011	ug/l	98
18) Methyl Acetate	4.71	43	442	Below Cal	#	52
20) Methylene Chloride	4.97	84	4237	Below Cal	#	76
25) 2-Butanone	7.21	43	8103	7.246	ug/l	98
29) Tetrahydrofuran	7.56	42	721	1.054	ug/l #	76
31) Cyclohexane	7.97	56	14249	1.913	ug/l #	40
37) Ethyl Acetate	7.21	43	8103	2.809	ug/l #	71
48) Methyl methacrylate	9.43	41	3941	1.427	ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	178255	67.734	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	178255	146.181	ug/l #	8

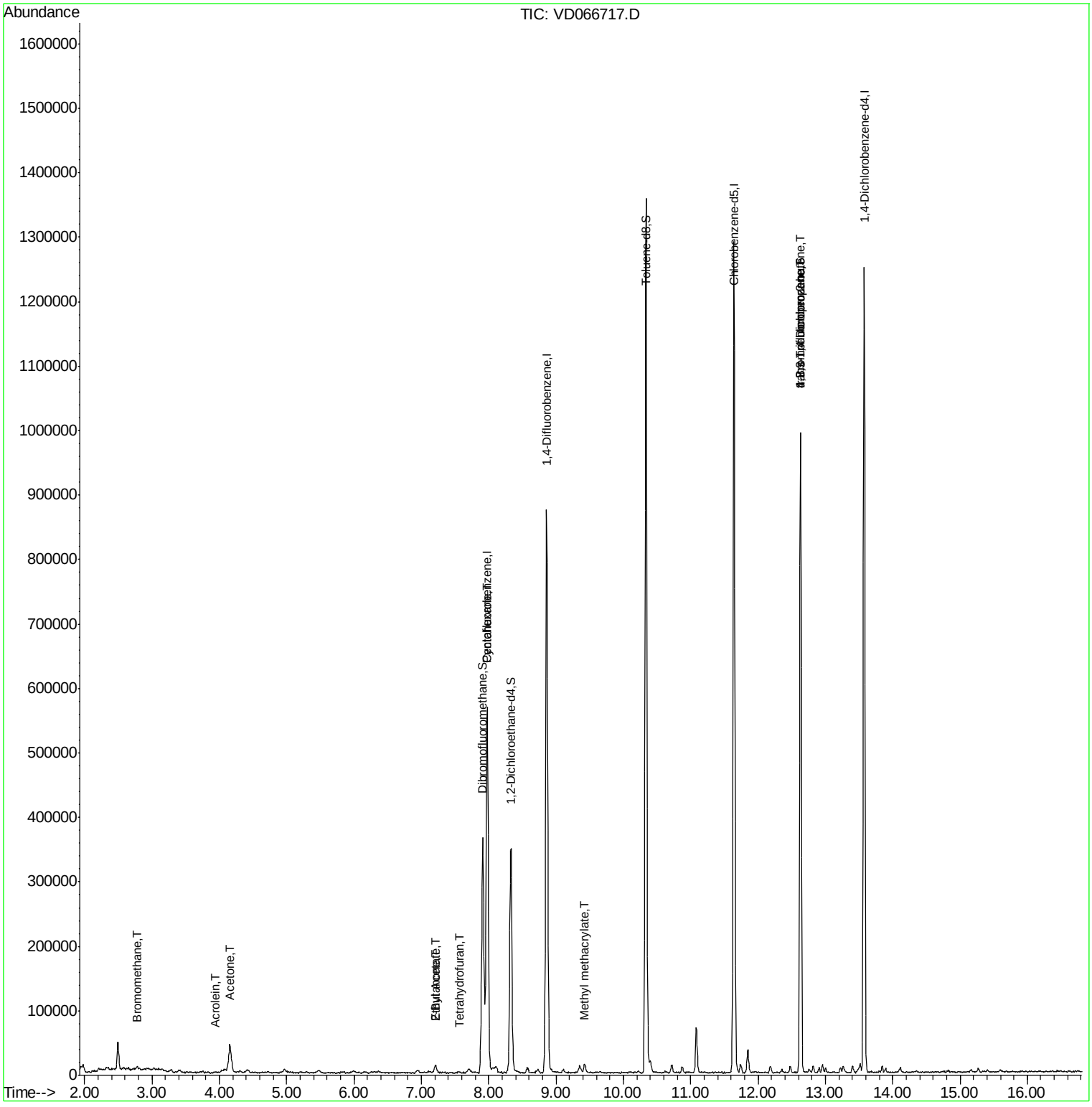
(#) = qualifier out of range (m) = manual integration (+) = signals summed

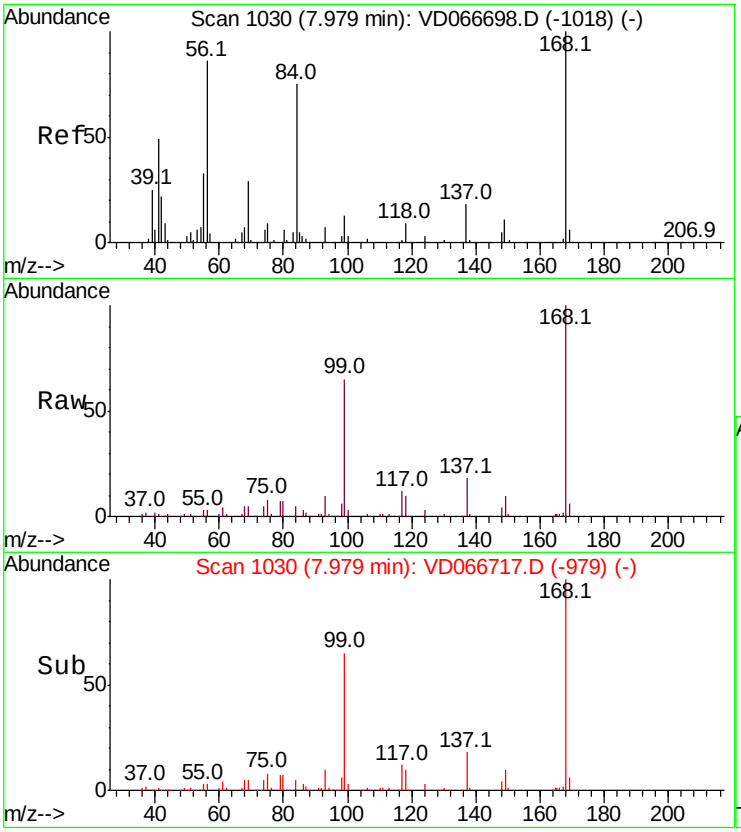
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066717.D
Acq On : 16 Sep 2020 14:09
Operator : VA/SY
Sample : L4009-01RE
Misc : 5.89G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Quant Time: Sep 17 00:50:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration



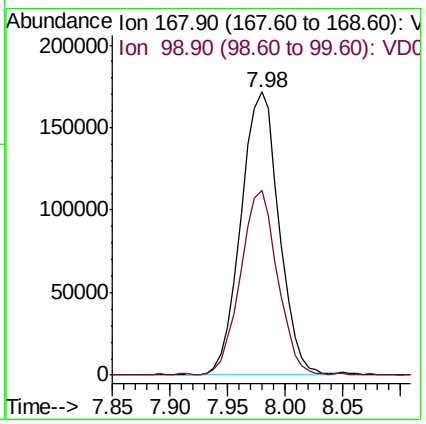


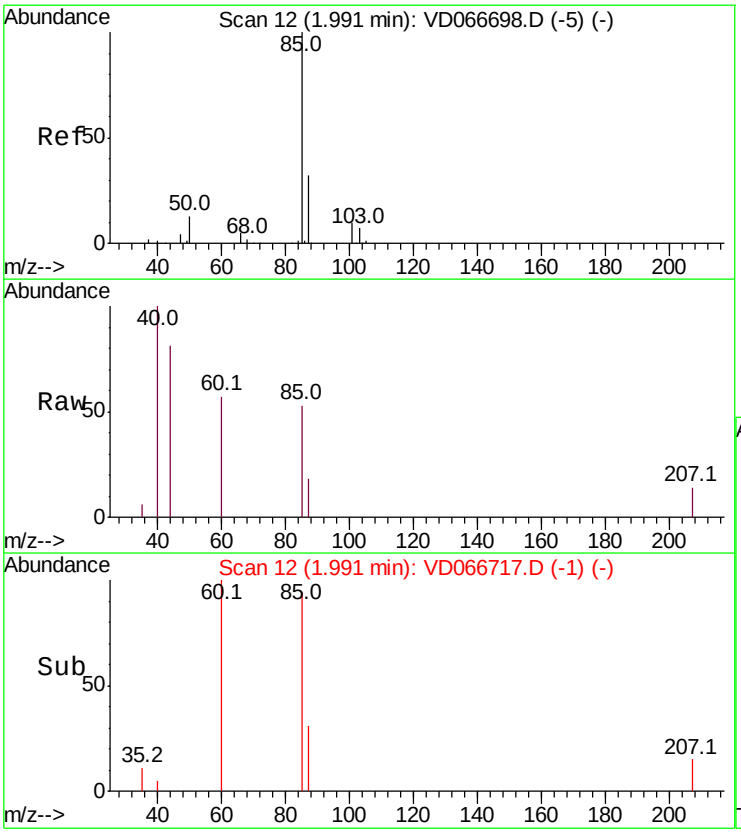
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion:168 Resp: 395243

Ion	Ratio	Lower	Upper
168	100		
99	64.6	54.4	81.6

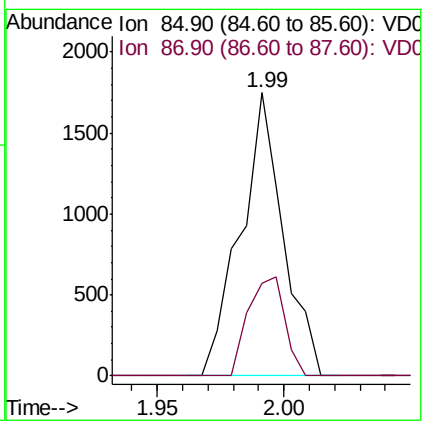


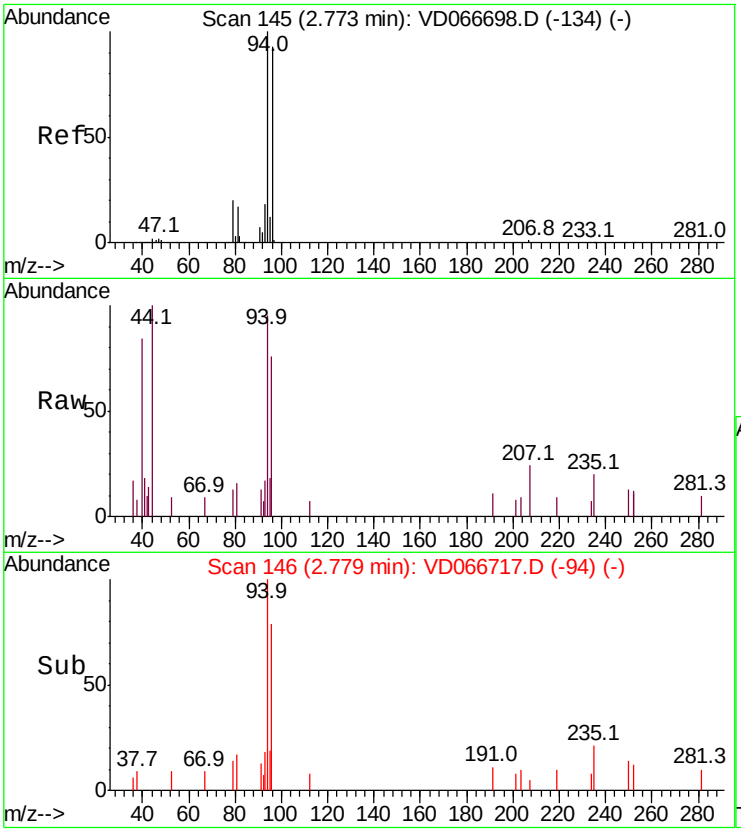


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 85 Resp: 2058

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.9	47.6



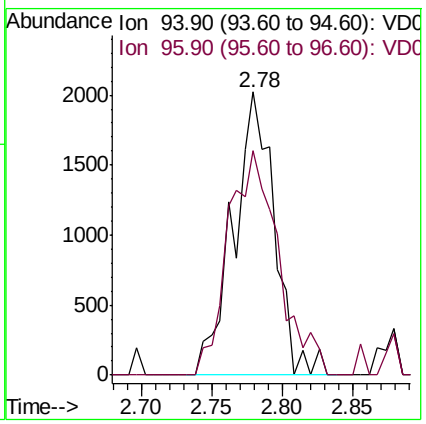


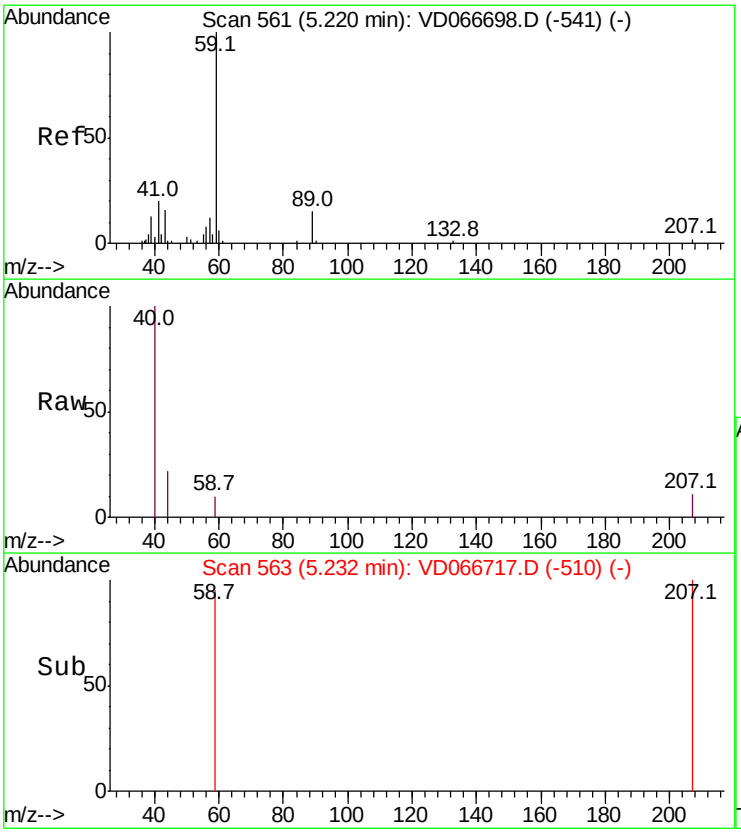
#5
Bromomethane
Concen: 1.280 ug/l
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 94 Resp: 4086

Ion	Ratio	Lower	Upper
94	100		
96	79.4	74.7	112.1

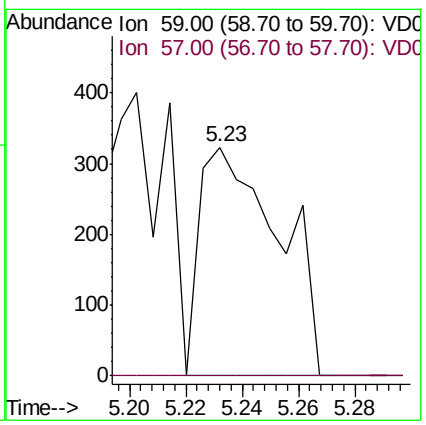


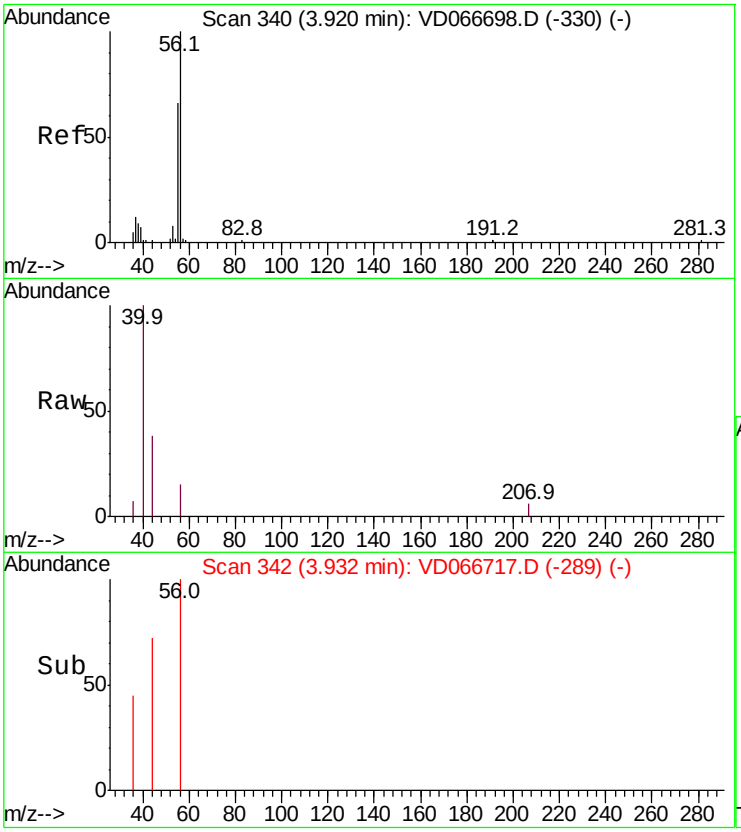


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 59 Resp: 629

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#



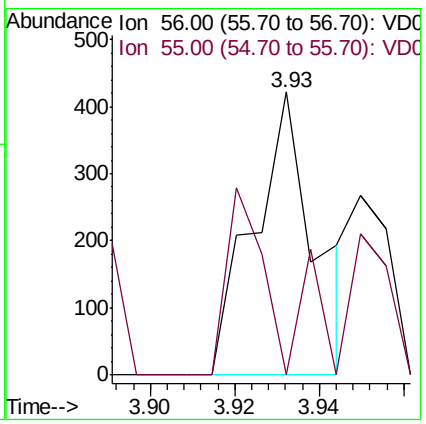


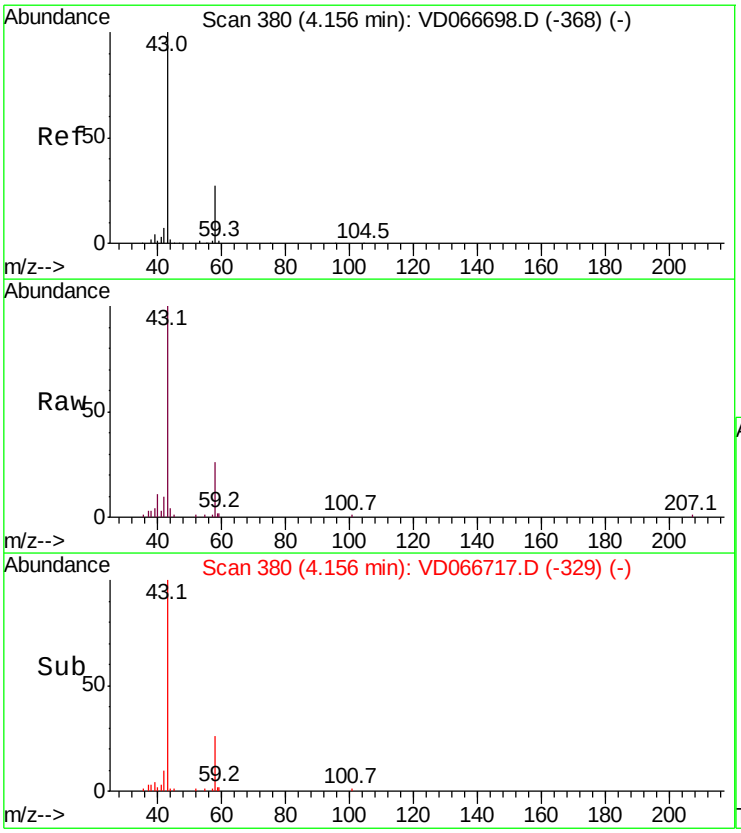
#13
Acrolein
Concen: 1.429 ug/l
RT: 3.93 min Scan# 342
Delta R.T. 0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 56 Resp: 425

Ion	Ratio	Lower	Upper
56	100		
55	38.1	54.7	82.1#

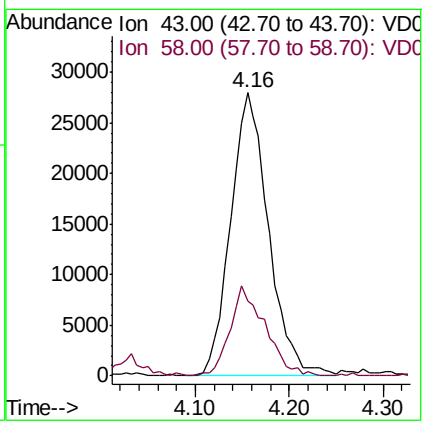


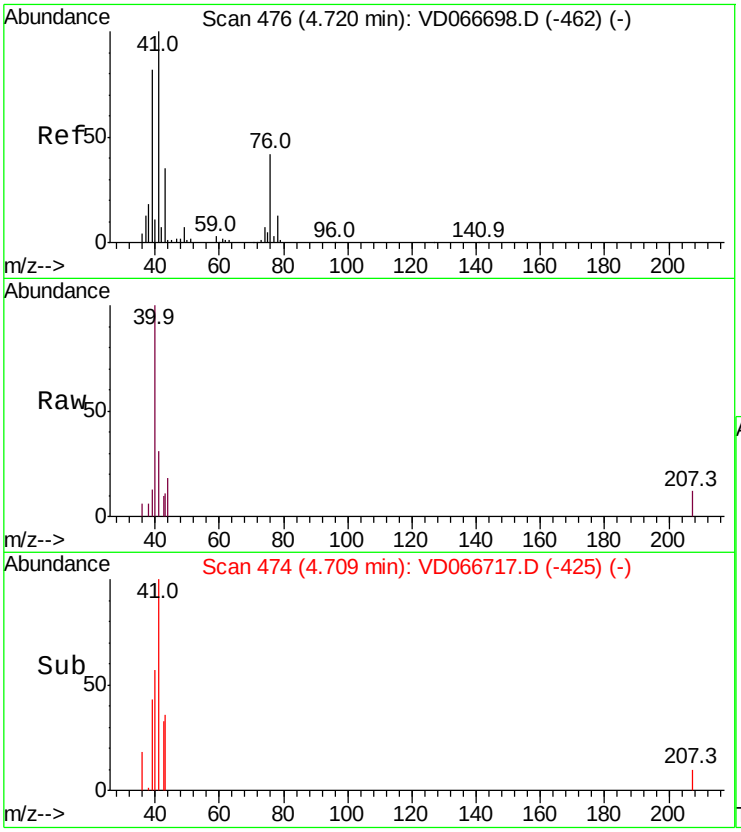


#16
Acetone
Concen: 91.011 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 43 Resp: 78155

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.9	32.9



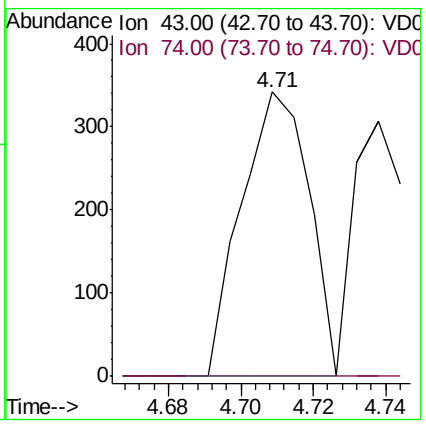


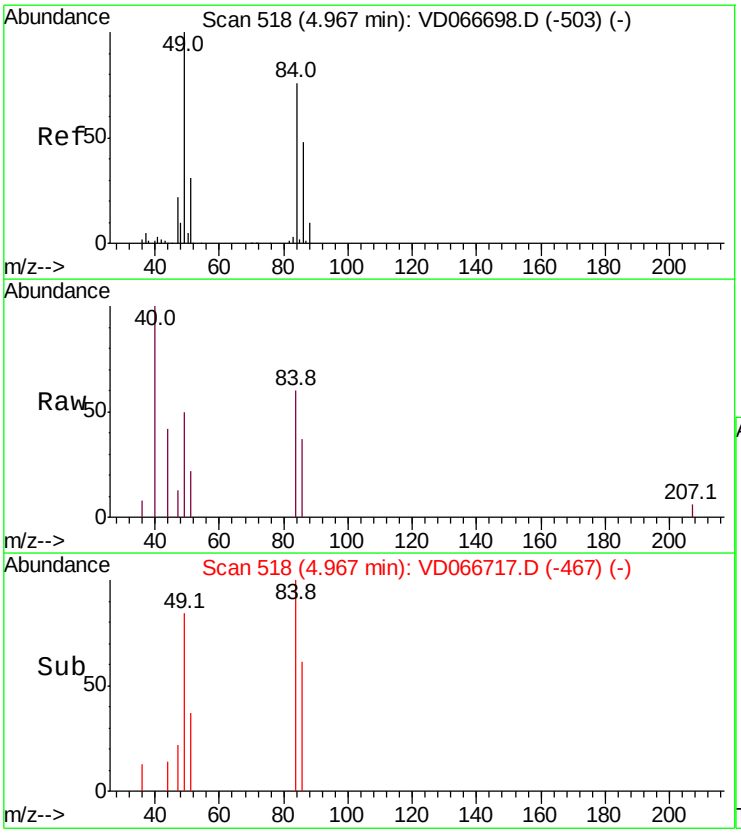
#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 43 Resp: 442

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

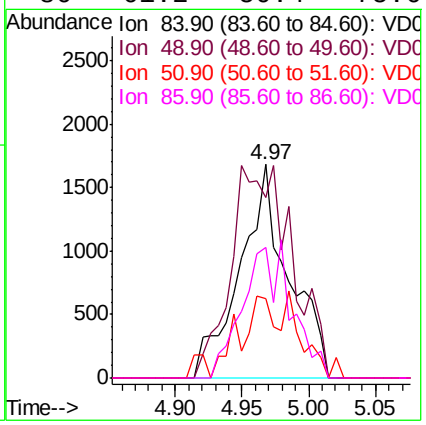


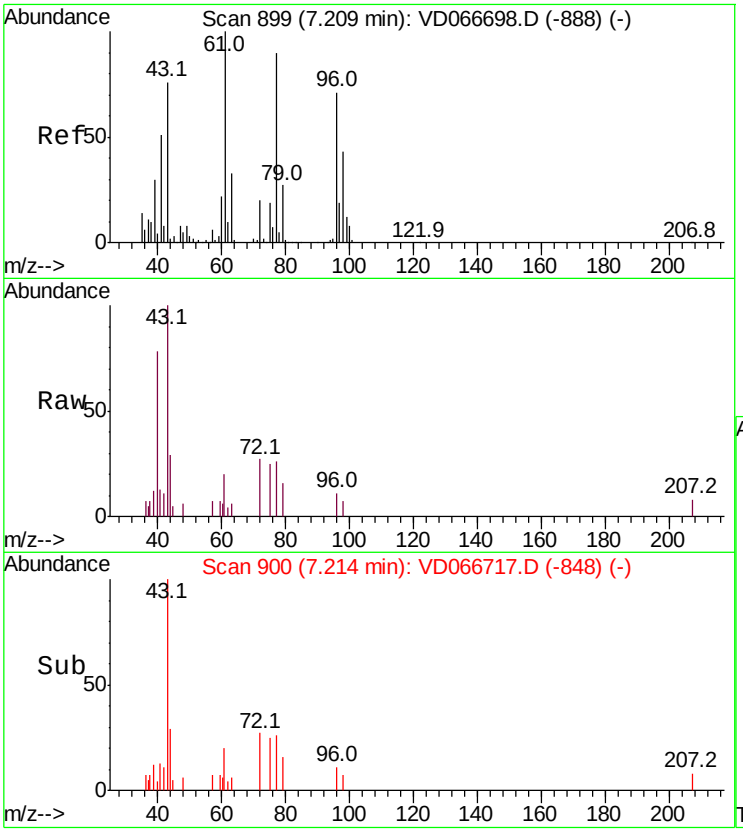


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 84 Resp: 4237

Ion	Ratio	Lower	Upper
84	100		
49	84.3	105.0	157.6#
51	37.2	32.2	48.4
86	61.2	50.4	75.6



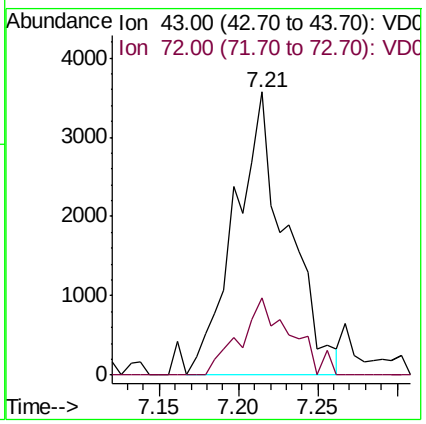


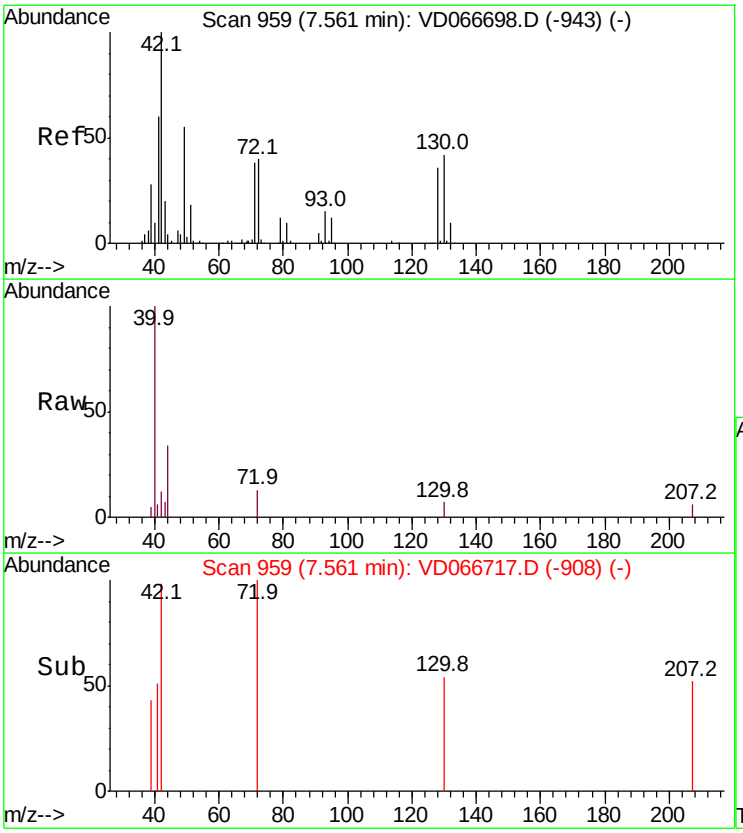
#25
2-Butanone
Concen: 7.246 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 43 Resp: 8103

Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.0	31.4

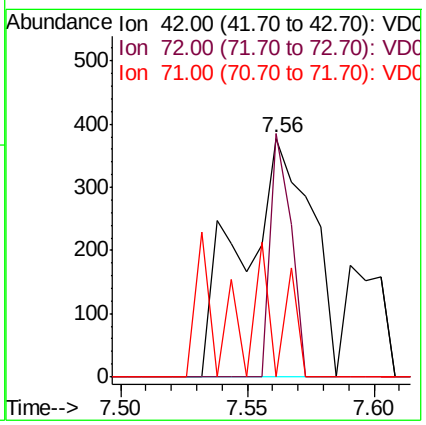


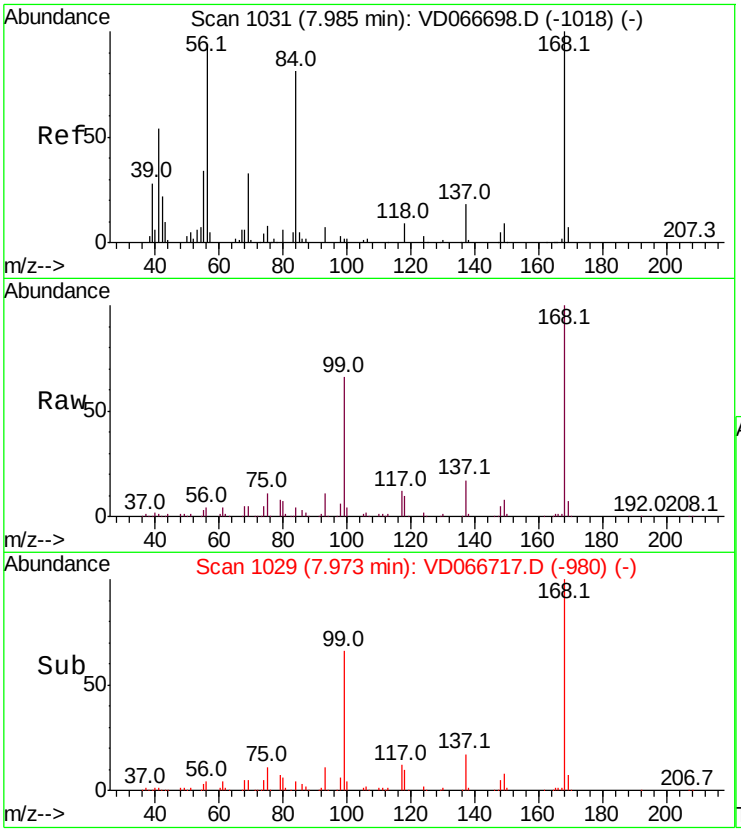


#29
Tetrahydrofuran
Concen: 1.054 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 42 Resp: 721

Ion	Ratio	Lower	Upper
42	100		
72	30.7	32.6	48.8#
71	18.9	30.6	45.8#



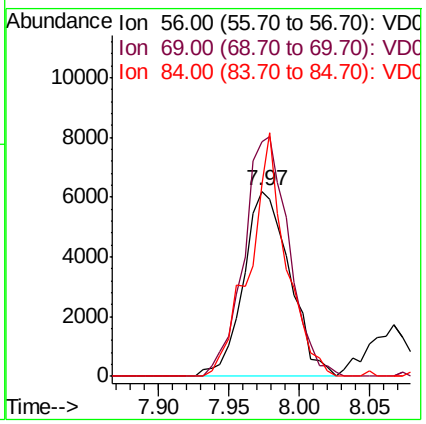


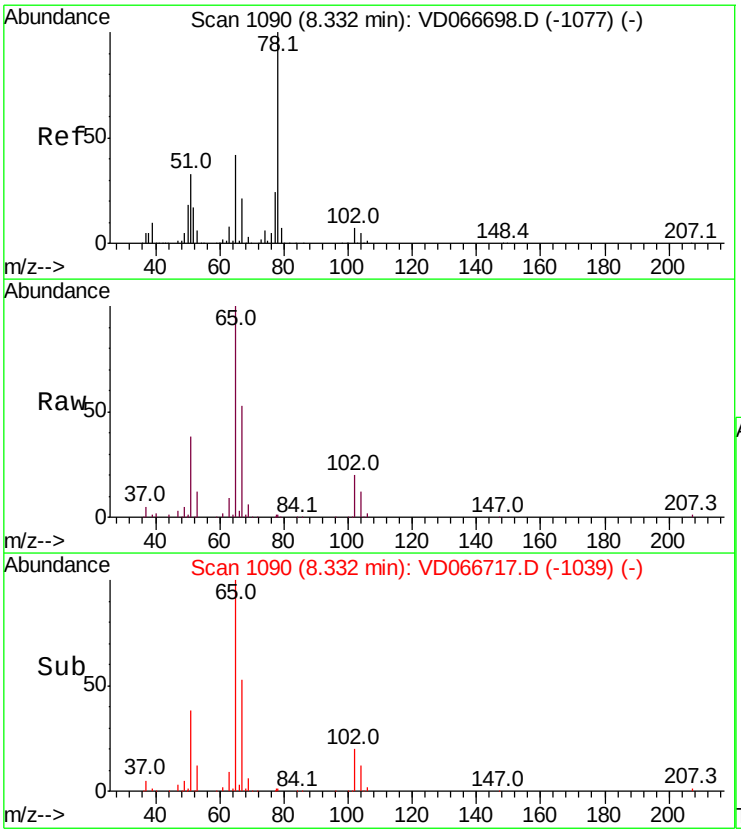
#31
Cyclohexane
Concen: 1.913 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 56 Resp: 14249

Ion	Ratio	Lower	Upper
56	100		
69	126.5	27.7	41.5#
84	103.7	68.5	102.7#

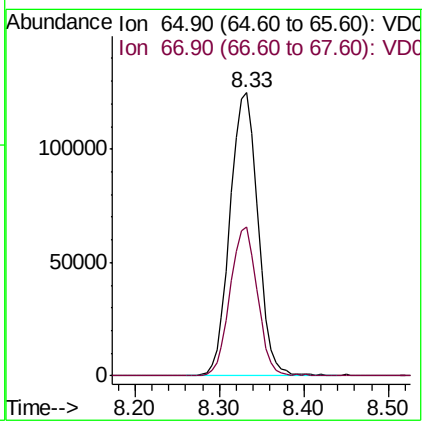


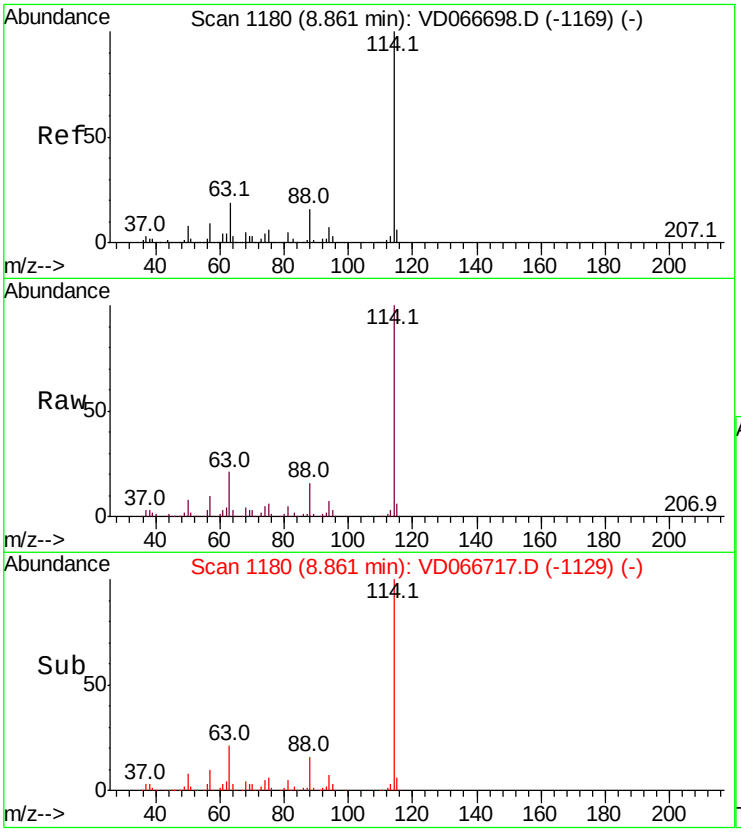


#33
1,2-Dichloroethane-d4
Concen: 67.597 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 65 Resp: 285057

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.2



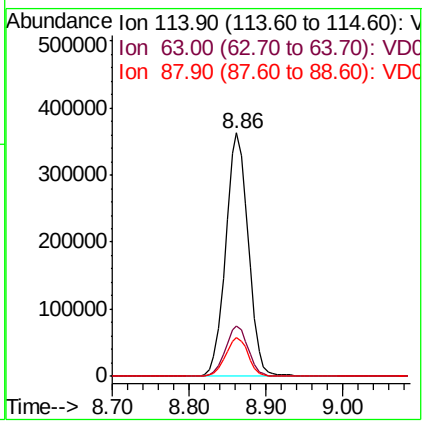


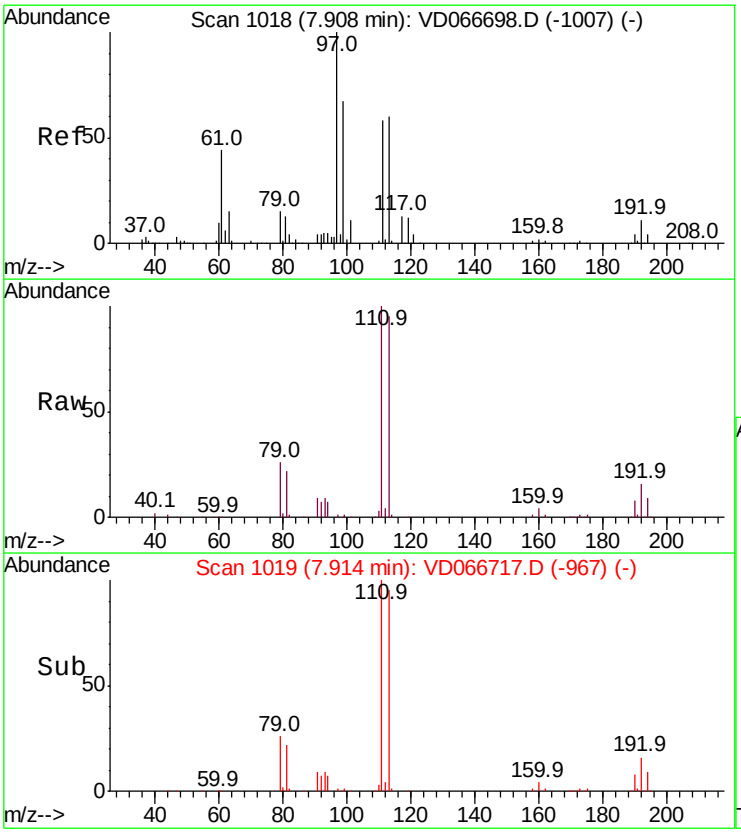
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion:114 Resp: 741087

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.6
88	16.2	0.0	32.2

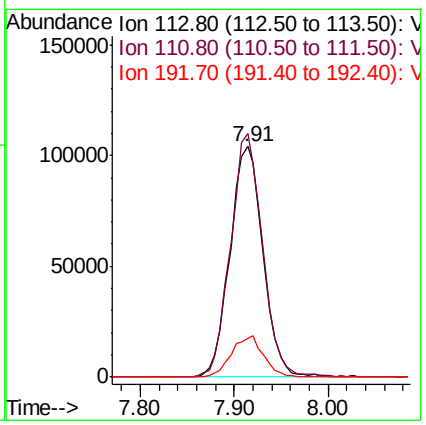


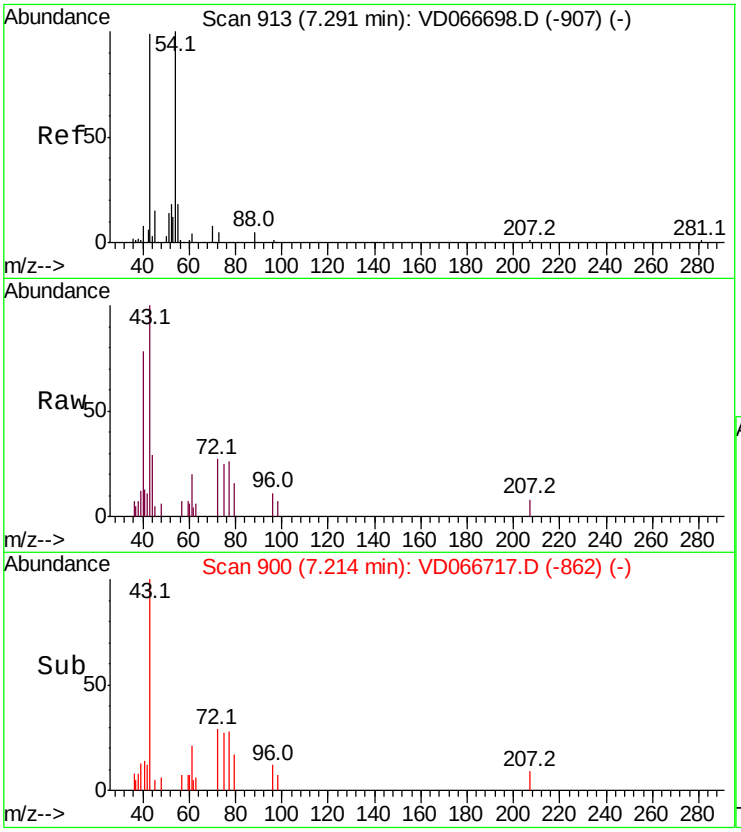


#35
Dibromofluoromethane
Concen: 55.738 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion:113 Resp: 253248

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	17.3	14.8	22.2



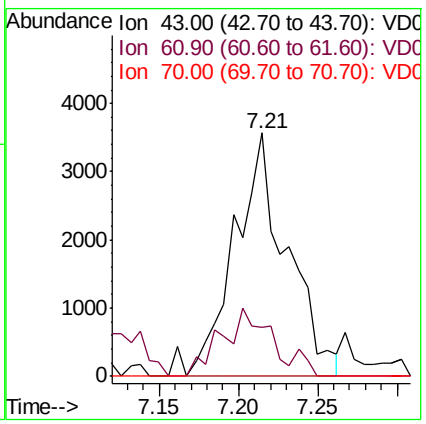


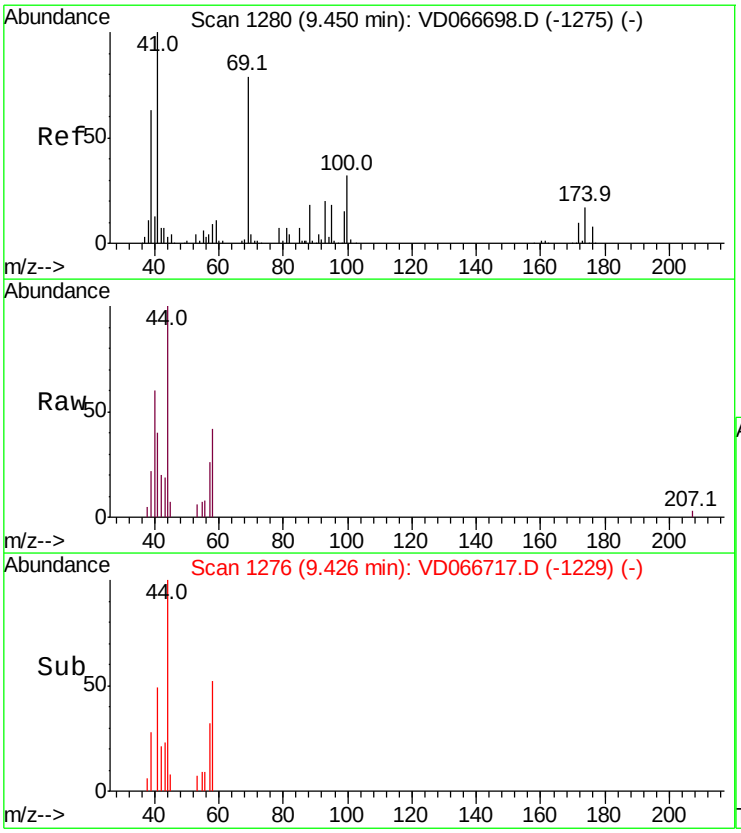
#37
Ethyl Acetate
Concen: 2.809 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.08 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 43 Resp: 8103

Ion	Ratio	Lower	Upper
43	100		
61	25.3	10.4	15.6#
70	0.0	7.5	11.3#

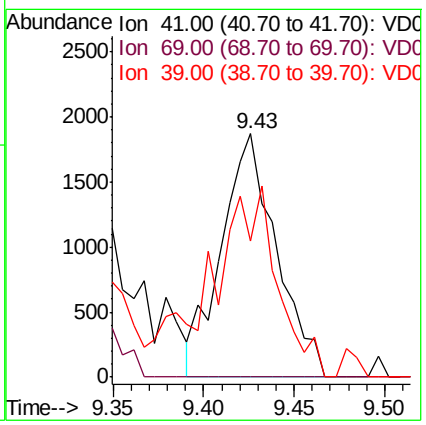


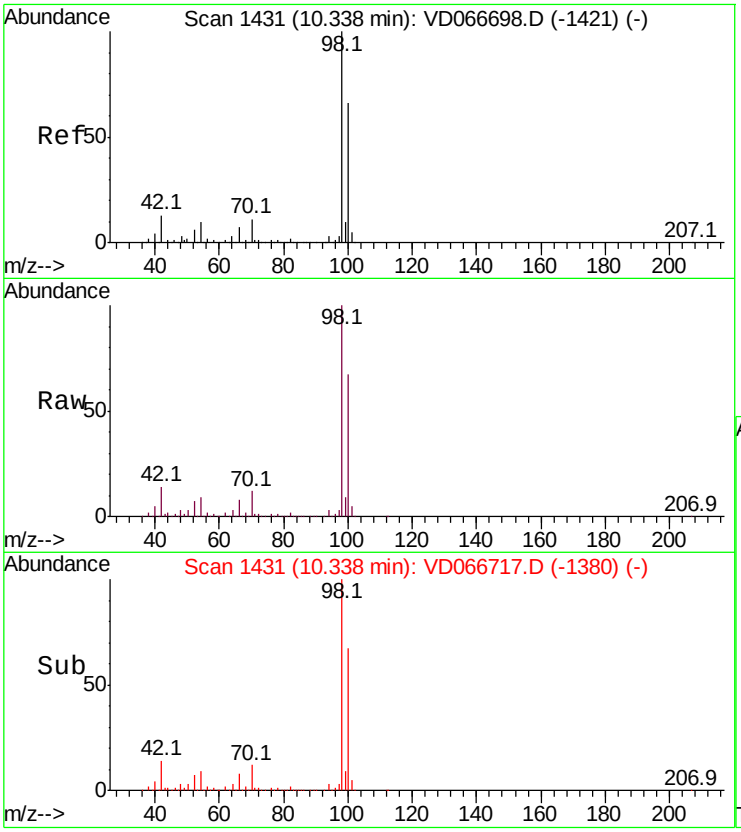


#48
Methyl methacrylate
Concen: 1.427 ug/l
RT: 9.43 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 41 Resp: 3941

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.4	93.6#
39	97.0	44.8	67.2#



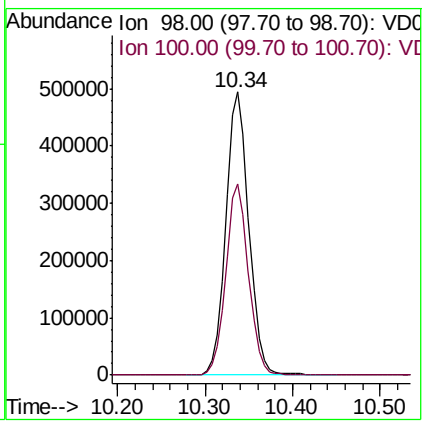


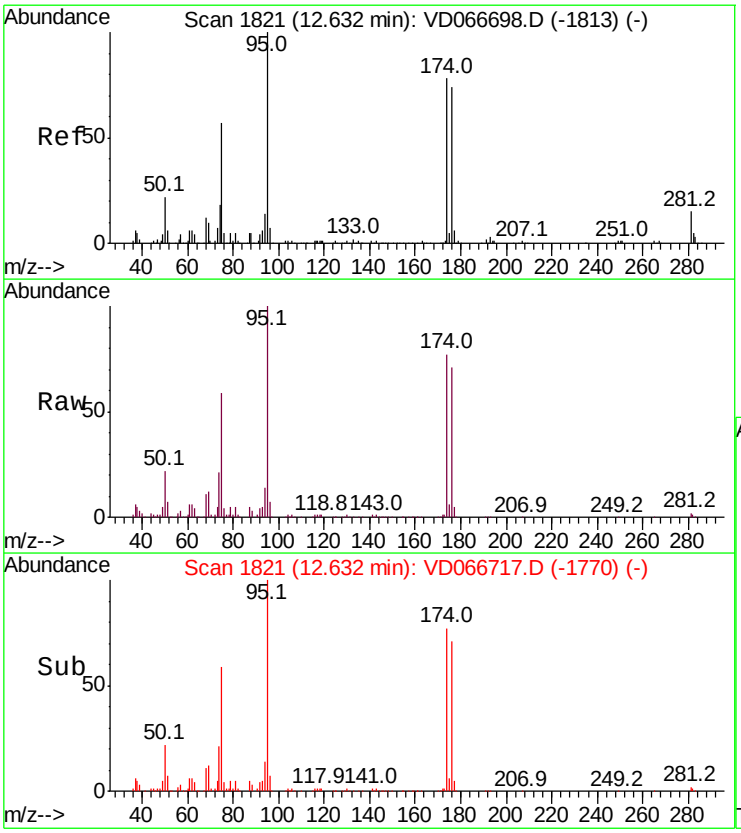
#50
Toluene-d8
Concen: 54.536 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 98 Resp: 882811

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.7	79.1

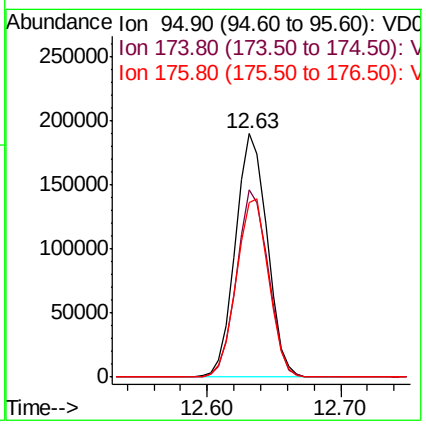


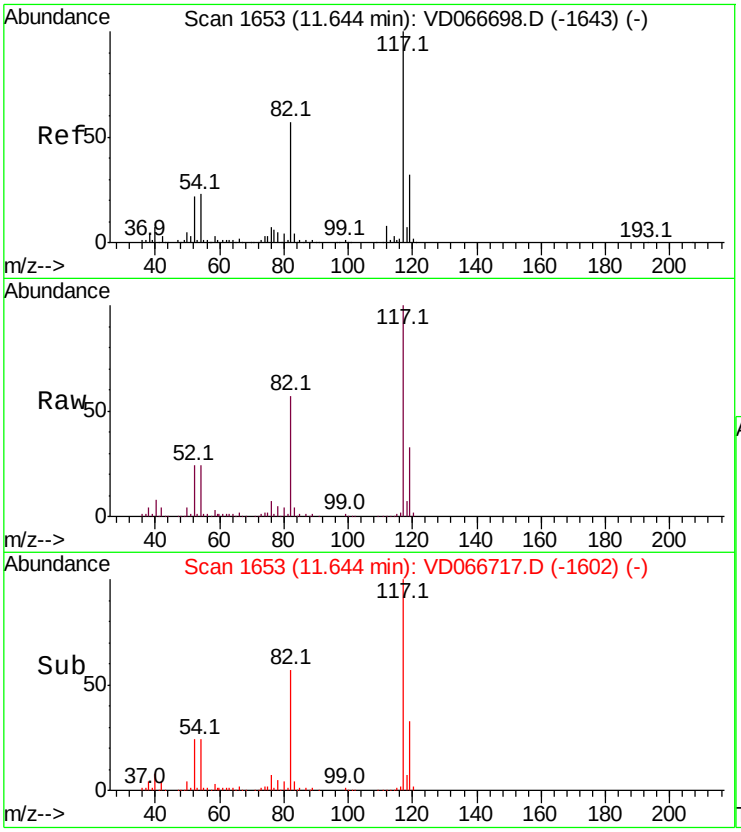


#62
4-Bromofluorobenzene
Concen: 55.935 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 95 Resp: 312552

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	156.6
176	74.3	0.0	150.2



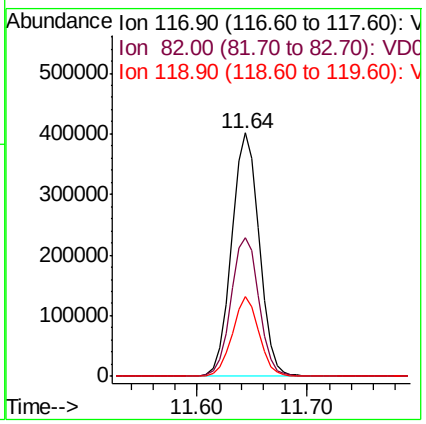


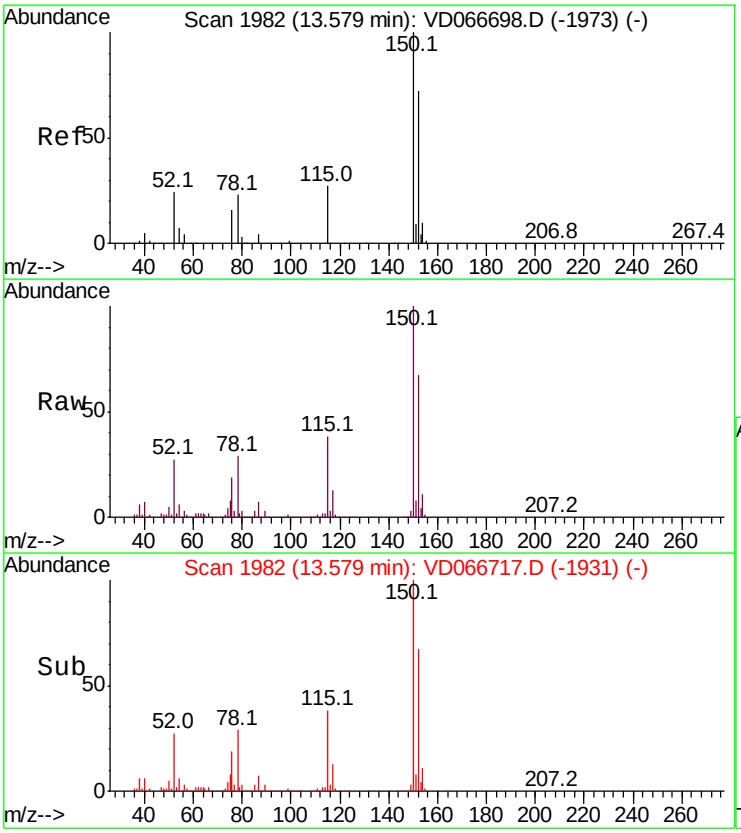
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion:117 Resp: 704759

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.0
119	32.8	25.8	38.6

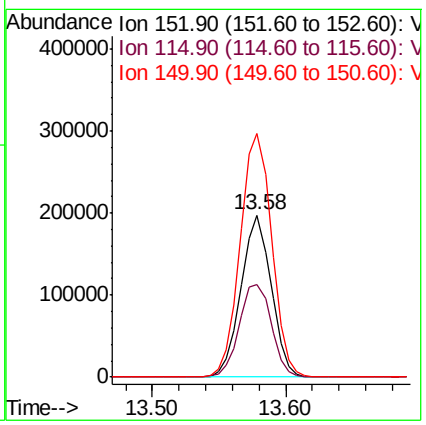


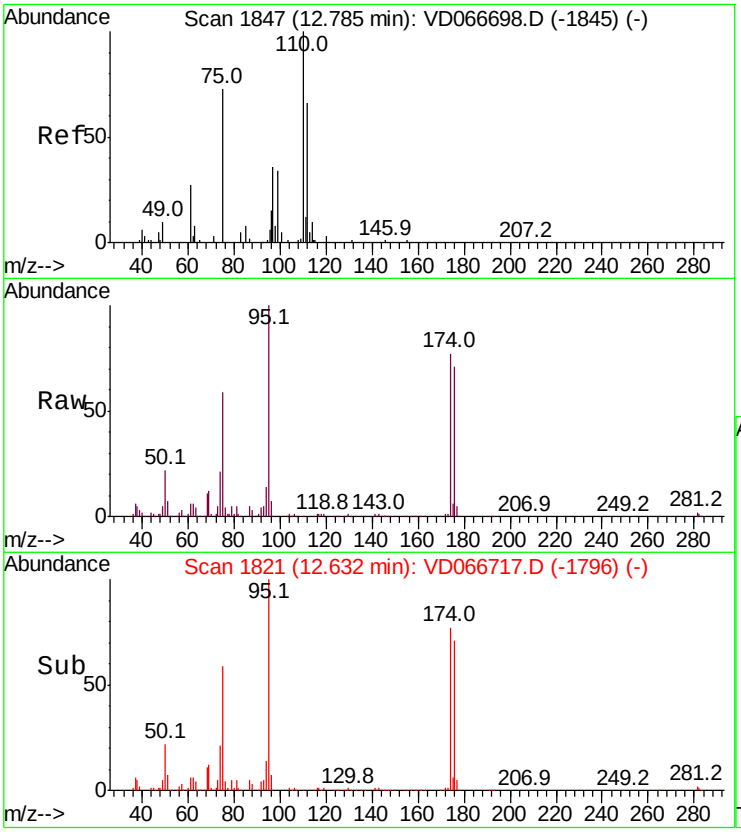


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion:152 Resp: 307457

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.5	91.5
150	157.3	0.0	344.6



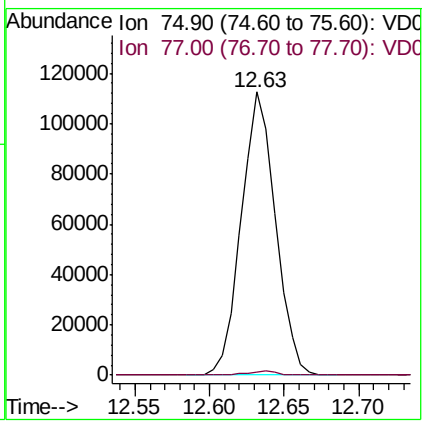


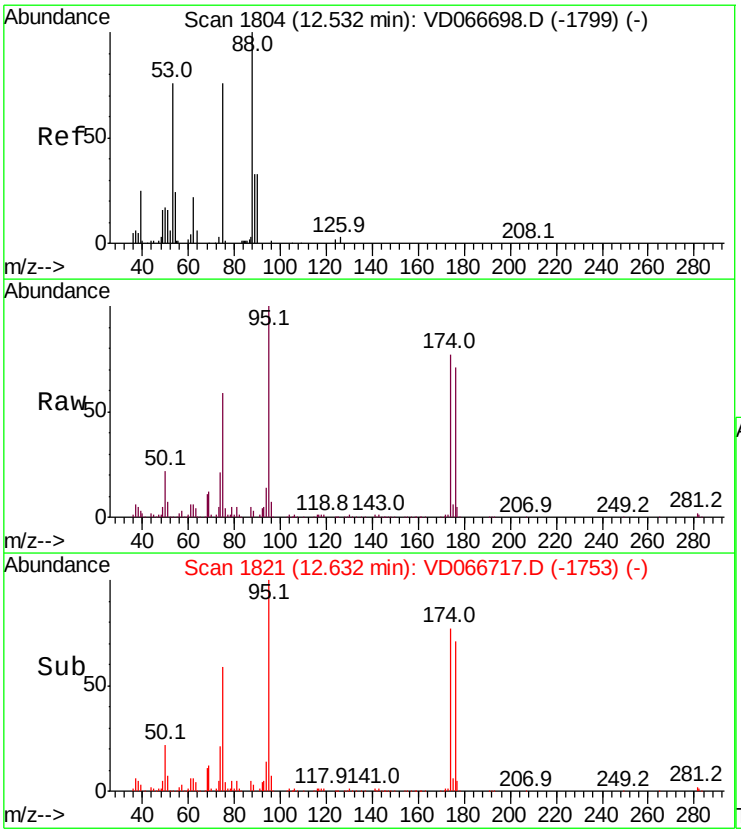
#76
1,2,3-Trichloropropane
Concen: 67.734 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
HAYES-SEYMOUR-01

Tgt Ion: 75 Resp: 178255

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.181 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066717.D
Acq: 16 Sep 2020 14:09

Tgt Ion: 75 Resp: 178255

Ion	Ratio	Lower	Upper
75	100		
53	0.1	82.2	123.4#
89	0.0	39.6	59.4#